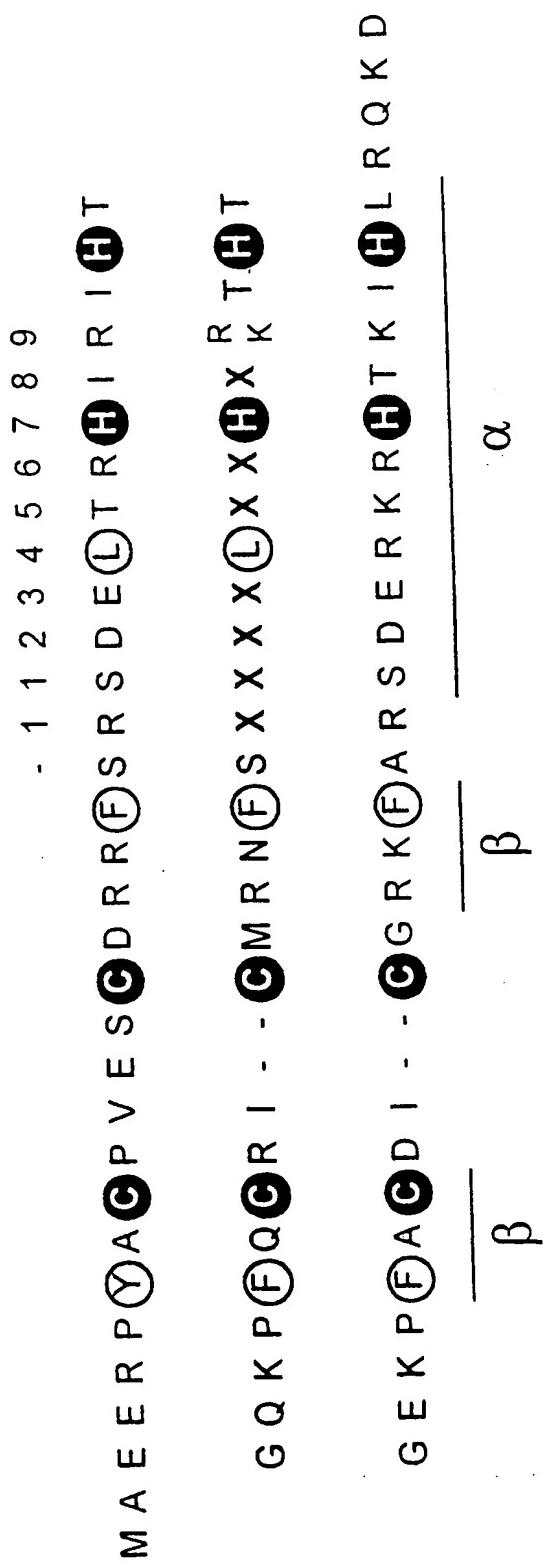




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(i) G C G G M G G C G

-1 1 2 3 4 5 6 7 8 9

R A D A L M V H K RR G D A L T S H E R(ii) G C G G T G G C G

-1 1 2 3 4 5 6 7 8 9

R A D A L M V H K RR G D A L T S H E RR V D A L E A H R RR E D A L I R H G K(iii) G C G G C G G C G

-1 1 2 3 4 5 6 7 8 9

R G P D L A R H G RR E D V L I R H G K

FIG. 1B

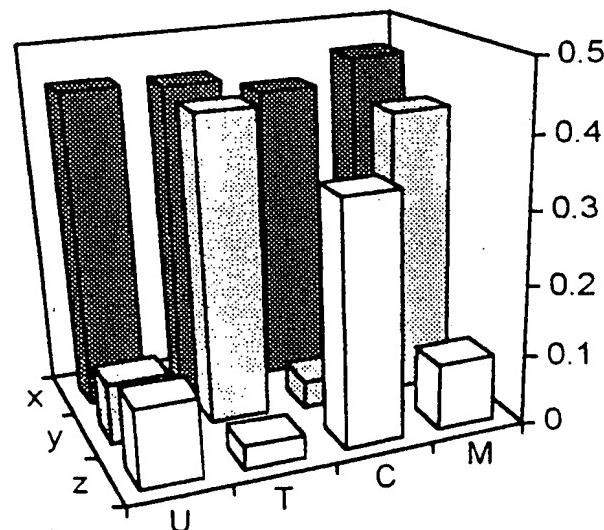


FIG. 1C

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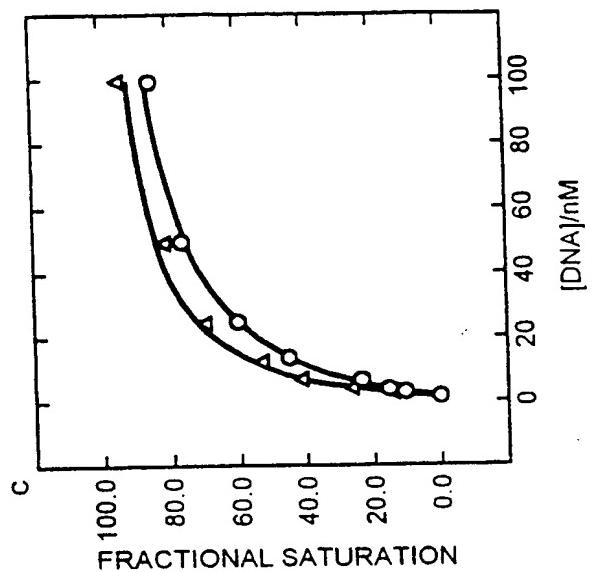


FIG. 2C

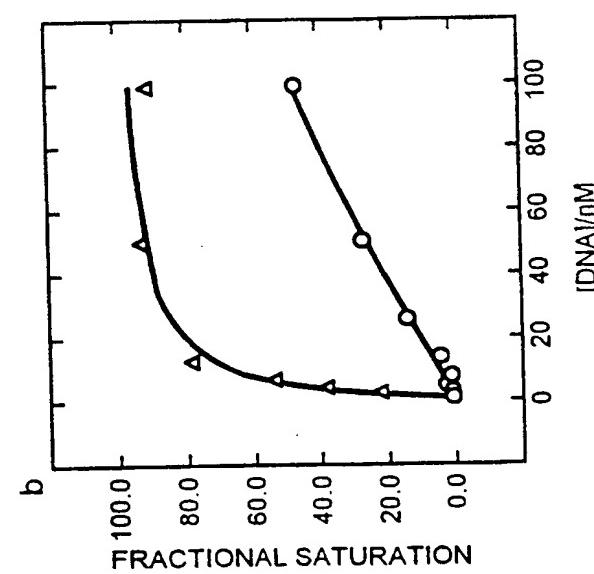


FIG. 2B

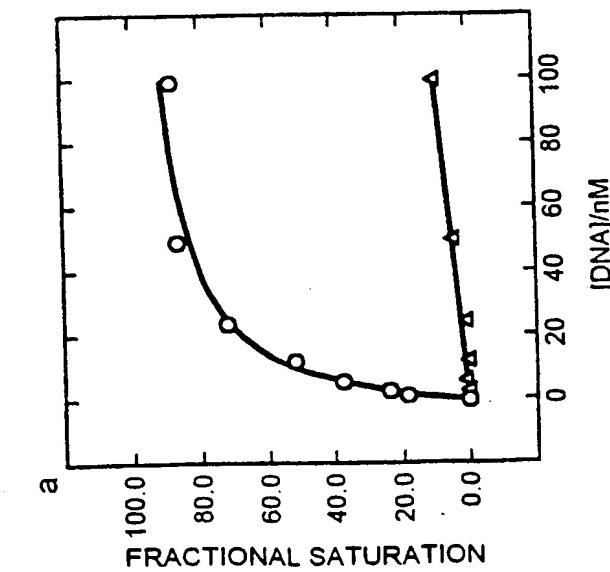
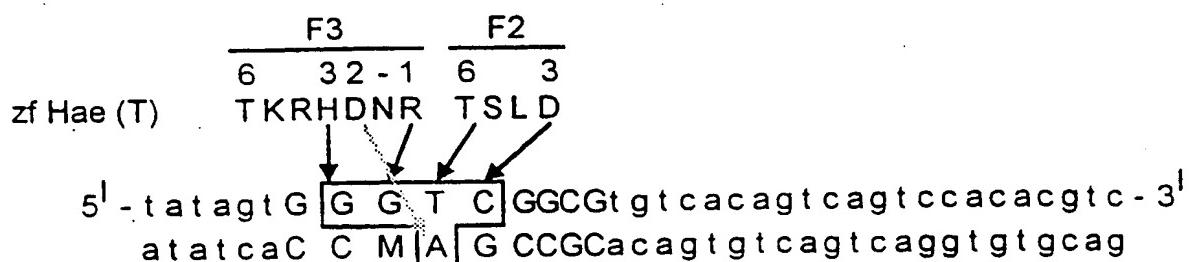
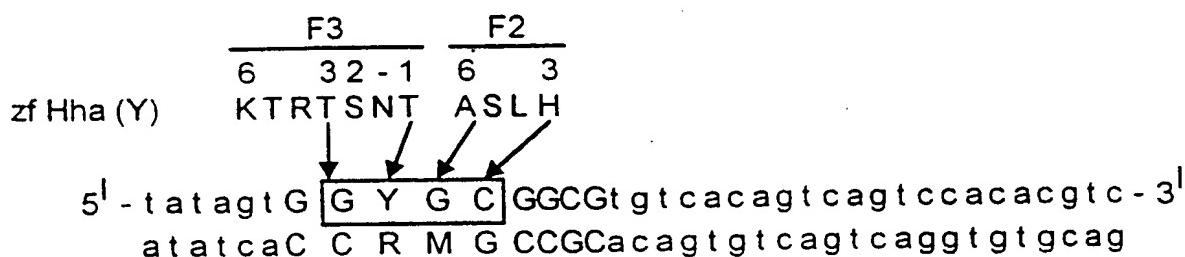
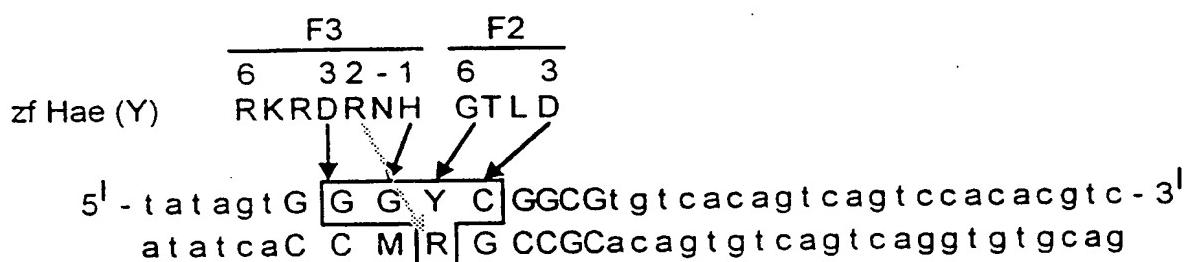
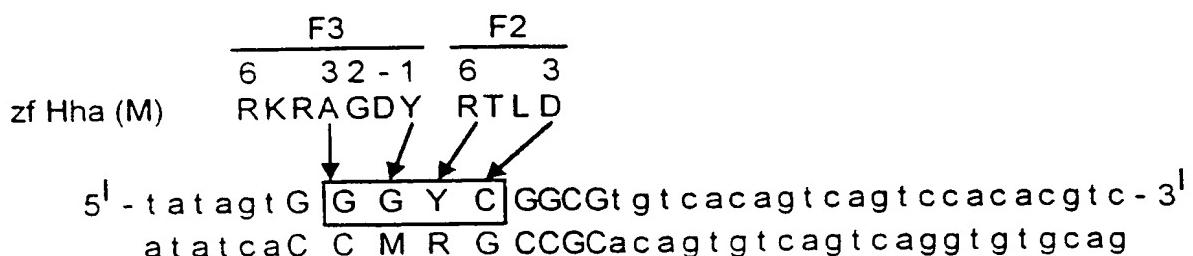
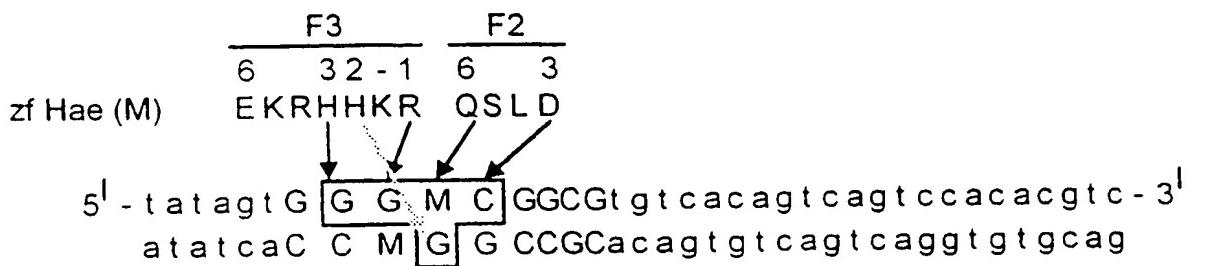


FIG. 2A

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M=5-methylcytosine Y=pyrimidine (C/T/M) R=purine (A/G)

FIG. 3

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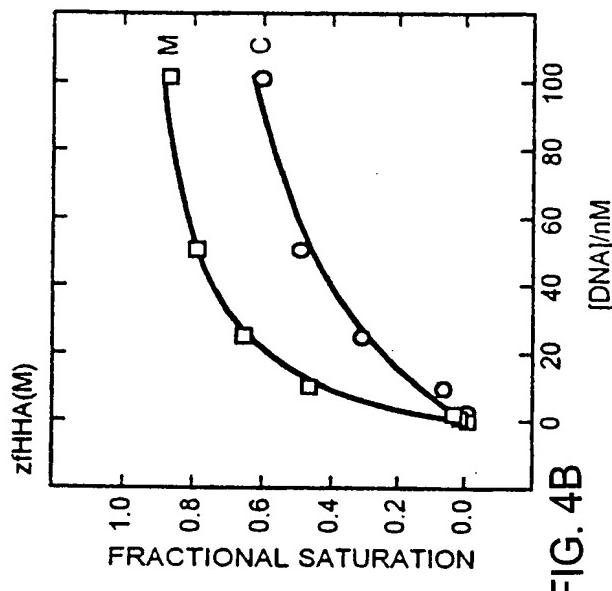


FIG. 4B

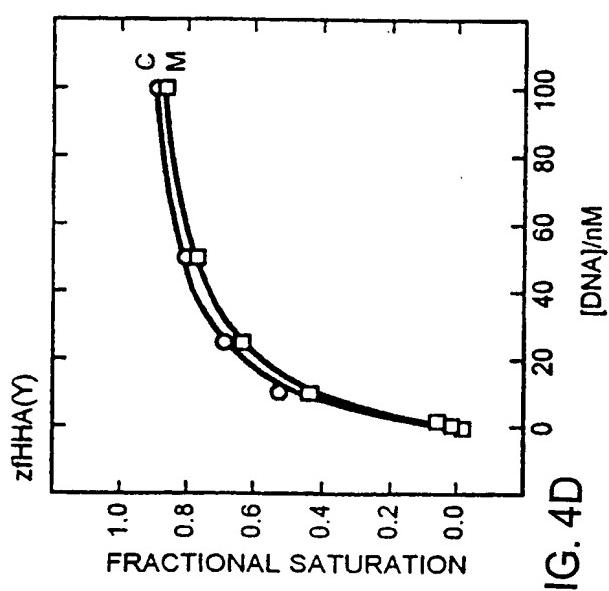


FIG. 4D

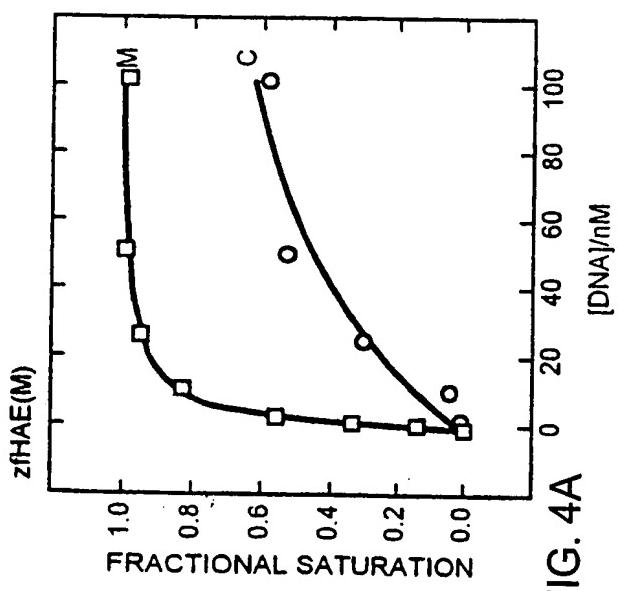


FIG. 4A

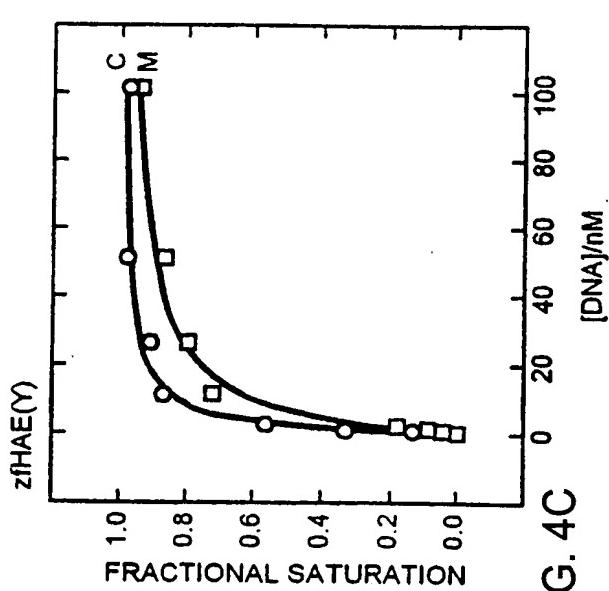


FIG. 4C

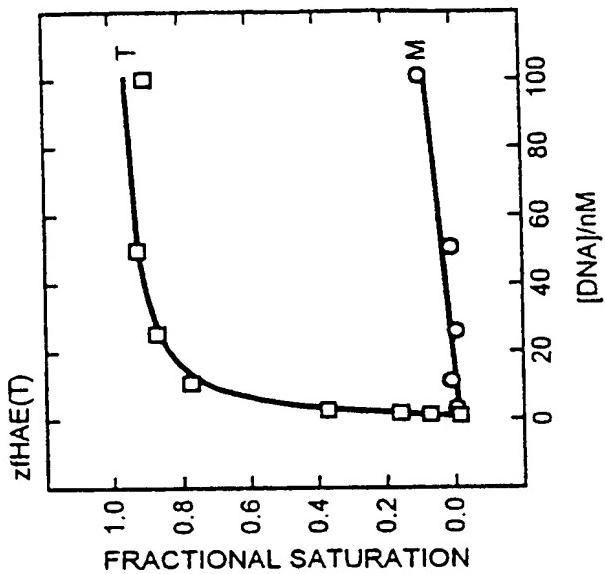


FIG. 5C

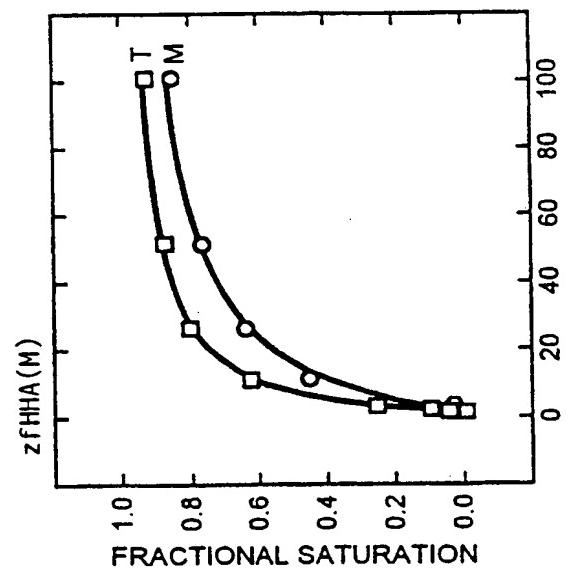


FIG. 5B

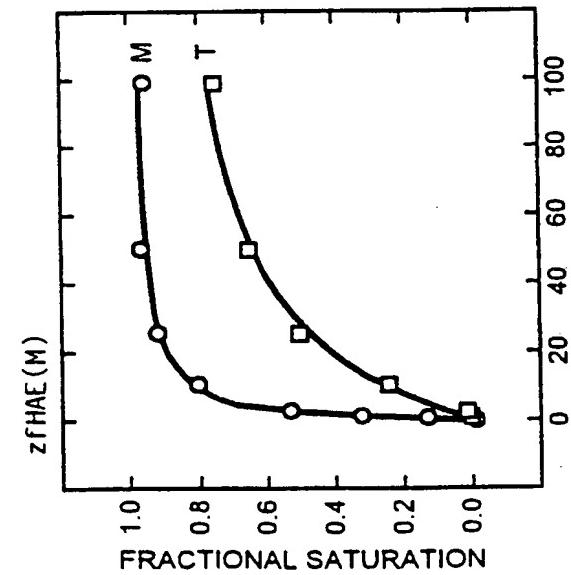


FIG. 5A

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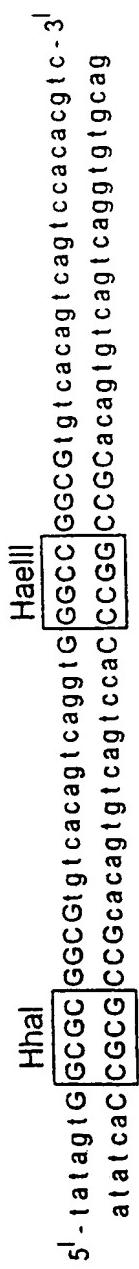


FIG. 6A

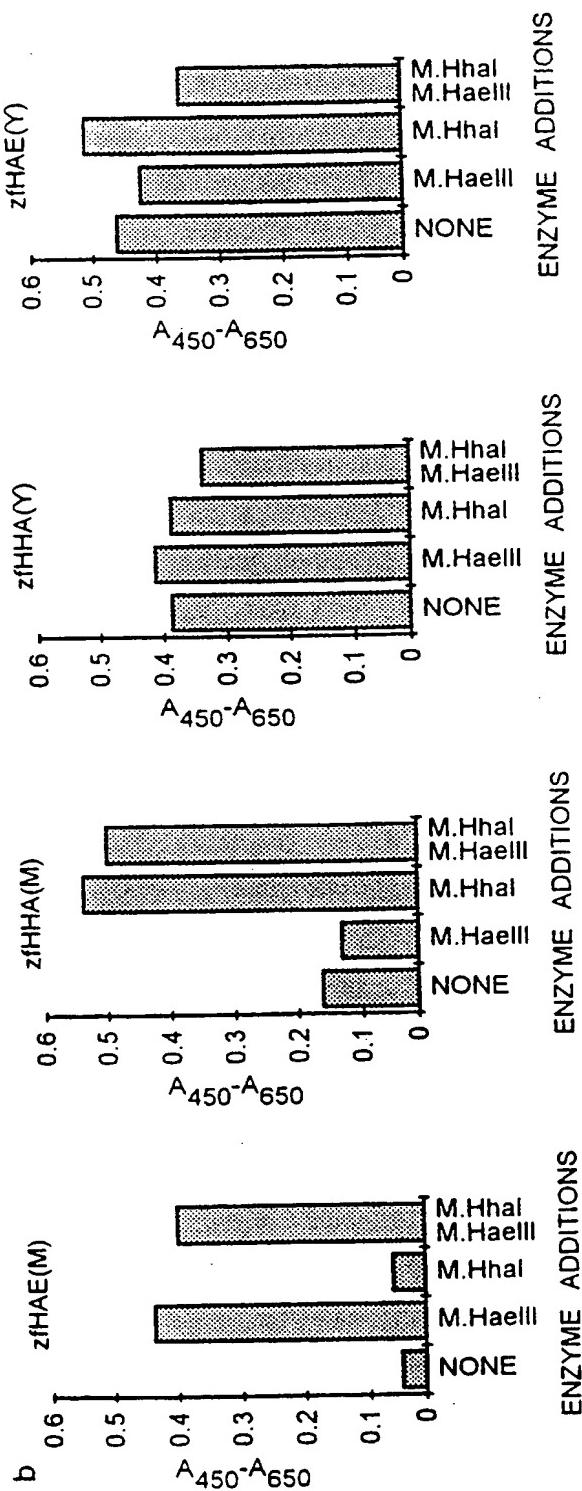


FIG. 6B